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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	09/829,806
				Filing Date	April 10, 2001
				First Named Inventor	William L. Thomas
				Art Unit	2424
				Examiner Name	Annan Q. Shang
Sheet	1	of	21	Attorney Docket Number	UV-196

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)	MM-DD-YYYY		
/A.S./		4,355,415	10-19-1982	George et al.	
		4,605,964	08-12-1986	Chard	
		4,638,424	01-20-1987	Beglin et al.	
		4,641,203	02-03-1987	Miller	
		4,680,647	07-14-1987	Moriyama	
		4,694,490	09-15-1987	Harvey et al.	
		4,706,121	11-10-1987	Young	
		4,718,107	01-05-1988	Hayes	
		4,754,326	06-28-1988	Kram et al.	
		4,771,375	09-13-1988	Beglin et al.	
		4,837,584	06-06-1989	Sharkey et al.	
		4,847,698	07-11-1989	Freeman	
		4,857,999	08-15-1989	Welsh	
		4,908,707	03-13-1990	Kinghorn	
		4,908,713	03-13-1990	Levine	
		4,930,158	05-29-1990	Vogel	
		4,949,187	08-14-1990	Cohen	
		4,959,720	09-25-1990	Duffield et al.	
Examiner Signature	/Annan Shang/			Date Considered	09/27/2010

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U.S. PATENT DOCUMENTS				
/A.S./		Patent No.	Date Issued	Inventor(s)
	↓	4,991,012	02-05-1991	Yoshino
		5,047,867	09-10-1991	Strubbe et al.
		5,053,948	10-01-1991	DeClute et al.
		5,057,932	10-15-1991	Lang
		5,109,279	04-28-1992	Ando
		5,111,296	05-05-1992	Duffield et al.
		5,134,719	07-28-1992	Mankovitz
		5,151,789	09-29-1992	Young
		5,172,413	12-15-1992	Bradley et al.
		5,187,589	02-16-1993	Kono et al.
		5,195,134	03-16-1993	Inoue
		5,200,822	04-06-1993	Bronfin et al.
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		5,231,543	07-27-1993	Kubota et al.
		5,253,066	10-12-1993	Vogel
		5,285,284	02-08-1994	Takashima et al.
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	↓	5,353,121	10-04-1994	Young et al.

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U.S. PATENT DOCUMENTS					
/A.S./		Patent No.	Issue Date	Inventor(s)	
		5,390,027	02-14-1995	Henmi et al.	
		5,412,720	05-02-1995	Hoarty	
		5,414,569	05-09-1995	Sekiguchi et al.	
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		5,461,415	10-24-1995	Wolf et al.	
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		5,479,266	12-26-1995	Young et al.	
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		5,483,278	01-09-1996	Strubbe et al.	
		5,485,221	01-16-1996	Banker et al.	
		5,488,409	01-30-1996	Yuen et al.	
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		5,517,254	05-14-1996	Monta et al.	
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		5,523,794	06-04-1996	Mankovitz et al.	
		5,524,195	06-04-1996	Clanton, III et al.	
	↓	5,532,754	07-02-1996	Young et al.	
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U.S. PATENT DOCUMENTS					
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		5,541,738	07-30-1996	Mankovitz	
		5,543,852	08-06-1996	Yuen et al.	
		5,543,929	08-06-1996	Mankovitz et al.	
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		5,559,550	09-24-1996	Mankovitz	
		5,571,282	11-05-1996	Girard et al.	
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		5,585,838	12-17-1996	Lawler et al.	
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		5,602,582	02-11-1997	Wanderscheid et al.	
		5,614,940	03-25-1997	Cobbley et al.	
		5,616,876	04-01-1997	Cluts	

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U.S. PATENT DOCUMENTS					
/A.S./		Patent No.	Issue Date	Inventor(s)	
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		5,619,274	04-08-1997	Roop et al.	
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		5,621,579	04-15-1997	Yuen	
		5,629,733	05-13-1997	Youman et al.	
		5,630,119	05-13-1997	Aristides et al.	
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		5,666,645	09-09-1997	Thomas et al.	
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		5,684,525	11-04-1997	Klosterman	
		5,686,954	11-11-1997	Sony Corporation	

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	5,768,528	06-16-1998	Stumm
	5,771,354	06-23-1998	Crawford
	5,774,859	06-30-1998	Houser et al.

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U.S. PATENT DOCUMENTS					
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/A.S./		5,899,576	05-08-1999	Fukuzawa	
		5,909,212	06-01-1999	Nishina et al.	
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		6,002,444	12-14-1999	Marshall et al.	
		6,006,257	12-21-1999	Slezak	
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		6,125,230	09-26-2000	Yaginuma	
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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	09/829,806
				Filing Date	April 10, 2001
				First Named Inventor	William L. Thomas
				Art Unit	2424
				Examiner Name	Annan Q. Shang
Sheet	9	of	21	Attorney Docket Number	
U.S. PATENT DOCUMENTS					
/A.S./	6,177,931	01-23-2001	Alexander et al.		
	6,185,360	02-06-2001	Inoue et al.		
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Examiner Signature	/Annan Shang/		Date Considered	09/27/2010	

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				Art Unit	2424
				Examiner Name	Annan Q. Shang
Sheet	10	of	21	Attorney Docket Number	
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U.S. PATENT DOCUMENTS				
/A.S./	Patent Number	Issue Date	Citation Designation	
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	10/383,313	03-05-2003	Hassell, et al.	

Examiner Signature	/Annan Shang/	Date Considered	09/27/2010
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				
<i>(Use as many sheets as necessary)</i>				
Sheet	11	of	21	Attorney Docket Number
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U.S. PATENT DOCUMENTS

/A.S./	10/734,505	12-12-2003	Hassell, et al.	
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	2005/0204388	09-15-2005	Knudson	
↓	2005/0204388	09-15-2005	Knudson et al.	

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				Art Unit	2424
				Examiner Name	Annan Q. Shang
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FOREIGN PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/A.S./		CN 1174477A	02-25-1998	Sony Corp.	✓
		EP-0401930	12-12-1990	Phillips Electronics NV	
		EP 0424469	05-02-1991	StarSight Telecast, Inc.	
		EP 0584991	03-02-1994	Sony Corp.	
		EP 0665551	08-02-1995	Sony Corp.	
		EP-0629790	01-17-1996	Hitachi Ltd.	
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		EP 0713334	05-22-1996	Matsushita Electric Industrial, Inc.	
		EP 0744866	11-27-1996	Nokia Technology GmbH	
		EP 0 753 964	01-15-1997	Thomson Multimedia SA	
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		EP 0 763 938	03-19-1997	StarSight Telecast, Inc.	
		EP 0 822 713	02-04-1998	Thomson Multimedia SA	
		EP 0 843 468	05-20-1998	Sony Corp.	
		EP 0849958	06-24-1998	Hitachi Ltd.	
		EP 0872834	10-21-1998	Sony Corp.	

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/A.S./		EP 0 874 524	10-28-1998	StarSight Telecast, Inc.	
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		JP 05-260554	10-08-1993	Sony Corp.	
		JP 061111413	04-22-1994	Funai Electric Co.	
		JP 06-133334	05-13-1994	Hitachi Ltd.	✓
		JP 06-236592	08-23-1994	Victor Company of Japan	✓

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		Country Code ² -Number ³ -Kind Code ⁵ (if known)			
/A.S./		JP 06303541	10-28-1994	Sony Corp.	
		JP 07-044930	02-14-1995	Hitachi Ltd.	
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		JP 8-77763	03-22-1996	Sony Corp.	
		JP 9-245467	09-19-1997	Matsushita Electric Industrial, Inc.	✓
		JP 9-259515	10-03-1997	Fujitsu Ltd.	
		JP 09289630	11-04-1997	Sony Corp.	
		JP 10-042242	02-13-1998	Sony Corp.	✓
		JP 10-093879	04-10-1998	Thomson Multimedia SA	✓
		JP 10-91534	04-10-1998	Samsung Electronics Co., Ltd.	✓
		JP 10-93905	04-10-1998	Toshiba Corp.	✓
		JP 10-99990	04-10-1998	Tokyo Shibaura Electric Co.	✓
/A.S./		JP 10-112087	04-28-1998	Sony Corp.	✓
		JP 10-164487	06-19-1998	Tokyo Shibaura Electric Co.	✓
		JP 10-191221	07-21-1998	Hitachi Ltd.	✓
		JP 10-215440	08-11-1998	Daiichi Kosho KK	✓
		JP 10-243309	09-11-1998	Tokyo Shibaura Electric Co.	✓

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/A.S./		JP 10-243344	09-11-1998	Canon, Inc.	✓
		JP 10-243352	09-11-1998	Hitachi Ltd.	✓
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		WO 90/00847	01-25-1990	Insight Telecast, Inc.	
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		WO 95/04431	02-09-1995	Electronic Data Systems Corporation	
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		WO 95/31069	11-16-1995	StarSight Telecast, Inc.	
		WO 95/32584	11-30-1995	Gemstar Development Corp.	
		WO 95/32585	11-30-1995	TV Guide On Screen	

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		Country Code ² -Number ³ -Kind Code ⁵ (if known)			
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		WO 96/07270	03-07-1996	Yuen et al.	
		WO 96/09721	03-28-1996	TV Guide On Screen	
		WO 96/13932	05-09-1996	Gemstar Development Corporation	
		WO 96/25821	08-22-1996	Index Systems, Inc.	
		WO 96/27982	09-12-1996	Gemstar Development Corp.	
		WO 96/33572	10-24-1996	StarSight Telecast, Inc.	
		WO 96/33579	10-24-1996	Krause	
		WO 96/34491	10-31-1996	TV Guide on Screen	
		WO 96/36172	11-14-1996	Gemstar Development Corp.	
		WO 96/41472	12-19-1996	StarSight Telecast, Inc.	
		WO 96/41478	12-19-1996	TV Guide on Screen	
		WO 97/05616	02-13-1997	Sony Electronics Inc.	
		WO 97/13368	04-10-1997	StarSight Telecast, Inc.	
		WO 97/31479	08-28-1997	E Guide, Inc.	
		WO 97/32434	09-04-1997	E Guide, Inc.	
		WO 97/34413	09-18-1997	E. Guide, Inc.	

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				Filing Date	April 10, 2001
				First Named Inventor	William L. Thomas
				Art Unit	2424
				Examiner Name	Annan Q. Shang
Sheet	17	of	21	Attorney Docket Number	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>					

FOREIGN PATENT DOCUMENTS					
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		Country Code ² -Number ³ -Kind Code ⁵ (if known)			
/A.S./		WO 97/34414	09-18-1997	E. Guide, Inc.	T ⁶
		WO 97/40623	10-30-1997	Sun Microsystems, Inc.	
		WO 97/42763	11-13-1997	StarSight Telecast, Inc.	
		WO 97/46008	12-04-1997	Thomson Consumer Electronics	
		WO 97/46016	12-04-1997	StarSight Telecast, Inc.	
		WO 97/46943	12-11-1997	WebTV Networks, Inc.	
		WO 97/47124	12-11-1997	WebTV Networks, Inc.	
		WO 97/48228	12-18-1997	StarSight Telecast, Inc.	
		WO 97/48230	12-18-1997	StarSight Telecast, Inc.	
		WO 97/49057	12-24-1997	Sony Corporation	
		WO 97/49237	12-24-1997	StarSight Telecast, Inc.	
		WO 97/49242	12-24-1997	StarSight Telecast, Inc.	
		WO 98/01995	01-15-1998	StarSight Telecast, Inc.	
		WO 98/06219	02-12-1998	StarSight Telecast, Inc.	
		WO 98/07277	02-19-1998	StarSight Telecast, Inc.	

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Sheet	18	of	21	Attorney Docket Number	
Attorney Docket Number UV-196					

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		Country Code ² -Number ³ -Kind Code ⁵ (if known)			
/A.S./		WO 98/10589	03-12-1998	StarSight Telecast, Inc.	
		WO 98/12872	03-26-1998	StarSight Telecast, Inc.	
		WO 98/16056	04-16-1998	Gemstar Development Corp.	
		WO 98/17064	04-23-1998	Gemstar Development Corp.	
		WO 98/26594	06-18-1998	StarSight Telecast, Inc.	
		WO 98/26596	06-18-1998	StarSight Telecast, Inc.	
		WO 98/38831	09-03-1998	StarSight Telecast, Inc.	
		WO 98/39893	09-11-1998	StarSight Telecast, Inc.	
		WO 98/47279	10-22-1998	StarSight Telecast, Inc.	
		WO 98/47283	10-22-1998	Thomson Consumer Electronics	
		WO 98/47289	10-22-1998	Imedia Corporation	
		WO 98/10589	12-03-1998	StarSight Telecast, Inc.	
		WO 99/03267	01-21-1999	Thomson Consumer Electronics	
		WO 99/33265	07-01-1999	Intel Corp.	

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/A.S./		WO 99/57839	11-11-1999	Samsung Electronics Co. Ltd.	
		WO 00/01149	01-06-2000	NDS Limited	
		WO 00/02385	01-13-2000	United Video Properties, Inc.	
		WO 00/07368	02-10-2000	Tivo, Inc.	
		WO 00/08852	02-17-2000	Wood et al.	
		WO 00/11869	03-02-2000	United Video Properties, Inc.	
↓		WO 00/27122	05-11-2000	United Video Properties, Inc.	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
/A.S./		International Preliminary Examination Report for Application No. PCT/US97/04074, dated October 15, 1998, 7 pages			
/A.S./		Supplementary European Search Report and Annex for EPA No. EP 97 91 5090, dated March 16, 2000			
/A.S./		"Computer Science: An Overview", 5th Edition, Addison Wesley, ISBN 0-8053-4632-5, Pages 25 to 28 1997			
		"Startup puts MPEG-2 encoder in fast forward", EE Times			
/A.S./		Article entitled "Automating in a digital world, servers lead the way into the new realm of DTV", Broadcasting and Cable, published 24 November 1997			
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NON PATENT LITERATURE DOCUMENTS		
/A.S./	Copy of results listing from web.archive.org showing the archive date of 09 Oct 1997 as the archived date of document D3	
	European Search Opinion dated December 19, 2005	
	FTP file listing of doc/resource-guide/front-matter at ftp.cs.toronto.edu 8/16/1990	
	IBM Technical Disclosure Bulletin, Vol. 33, No. 3B, published August 1990	
	Louth Automation website (www.louth.com) dated August 1997	
	Manual for Internet Explorer 4- Chapter 9 – Browser Features and Functionality 1/10/1998	
	Norton Backup, Version 1.0, User's Guide and reference, published in 1990 (chapters 3 and 4)	
	Overview of Pro-Bell/Chryon's MAPP software published on or after January 1999	
	RFC 765 - File Transfer Protocol Specification June 1980	
	Sony SLV-760IIF et al. operating instructions (Sony 2") , published in 1995	
	The New York Times on the Web, "2 Makers Plan Introductions of Digital VCR" by John Markoff, March 29, 1999	
	TV Guide Magazine dated 4-10 February 1989 (excerpts)	
	Hofmann, Neumann, Oberlies, and Schadwinkel, "Videotext Programmiert Videorecorder," Rundfunktechnische Mitteilungen, Nov.-Dec. 1982, pp. 254-257 (translation attached).	
	"Electronic Programme Guide (EPG); Protocol for a TV Guide using electronic data transmission" by European Telecommunication Standards Institute, May 1997, Valbonne, France, publication no. ETS 300 707.	
	Saito, Takeshi, et al., "Homenetwor Architecture Considering Digital Home Appliance," Technical Committee meeting of The Institute of Electronics, Information and Communication Engineers (IEICE), Japan, November 6, 1997, Vol. 97, No. 368, p.57-64.	
↓	"Windows 98 Feature Combines TV, Terminal and the Internet," <u>New York Times</u> , August 18, 1998	

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NON PATENT LITERATURE DOCUMENTS					
/A.S./	"Digital Video Broadcasting (DVB); DVB specification for data broadcasting", European Telecommunications Standards Institute, Draft EN 301 192 V1.2.1 (1999-01).				
	Rewind, replay and unwind with new high-tech TV devices," by Lawrence J. Magid, <u>LA Times</u> . This document was printed from the Internet on June 6, 1999 and bears a date of May 19, 1999.				
	Extended European Search Report for EPA NO. EP 08 10 3067, dated October 29, 2008				
	Dinwiddie et al., "Combined-User Interface for Computers, Television, Video Recorders, and Telephone, Etc." IP.com Prior Art Database Bulletin, March 16, 2005				
	Hallenbeck et al., "Personal Home TV Programming Guide," Digest of Technical Papers of the International Conference on Consumer Electronics, June 6-8, 1990, pp. 310-311				
	IEEE 1990 International Conference on Consumer Electronics Digest of Technical Papers, Table of Contents, June 6-8, 1990				
	Patentee's Response to the EESR, filed on August 1, 2006				
↓	"VPS weiterentwickelt: Service Über Videotext," Funkschau Recorder-Programmierung, November 1986, pp. 40-43 with English translation				
	Karon, P., "Reply to Bow! Instant VCR", Daily Variety, September 8, 1990.				
	Proceedings of Patent Infringement Action for European Patent Application No. 0307727.2				
/A.S./	Copies of Office Actions and Replies filed in U.S. Patent Application No. 10/383,281 (Our Ref. UV-70 Con 1)				
/A.S./	Copies of Office Actions and Replies filed in U.S. Patent Application No. 10/734,505 (Our Ref. UV-70 Con 4).				

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